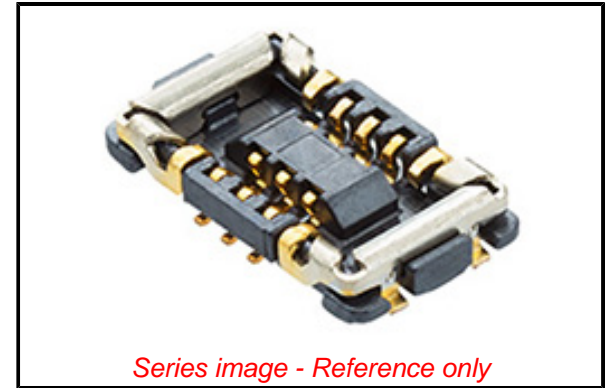


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5052700610**
Status: **Active**
Overview: SlimStack™ 0.35mm pitch Board-to-Board Connectors
Description: 0.35mm Pitch SlimStack Armor Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.70mm or 0.80mm Stacking Height, 2.00mm Width, 6 Circuits

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification 5052749200SPK-200 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-505270-001-001 (PDF) |
| Product Specification 5052700000-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5052700000-003 (PDF) | |



General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 505270 |
| Application | Board-to-Board |
| Overview | SlimStack™ 0.35mm pitch Board-to-Board Connectors |
| Product Name | SlimStack |
| Series Name | SSB7RP, SSB8RP |
| UPC | 889056162845 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 0.70mm, 0.80mm |
| Mated Width | 2.00mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Gold over Nickel |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 7.520/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.35mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.051µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | Yes |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|---------------------------------------|
| Packaging Specification | 5052749200SPK-200, SPK-505270-001-001 |
| Product Specification | 5052700000-000, 5052700000-003 |
| Sales Drawing | 5052700000-000, 5052701000-004 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[505270](#) Series

Mates With

SlimStack Armor Plug Connector [505274](#) ,
[505070](#)

This document was generated on 08/17/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION